# THORNTON

# Price List

## Effective February 1962

## Drawing instruments

| SETS | | £ | s | d |
|---|---|---|---|---|
| **SENIOR PROFESSIONAL SETS** | | | | |
| P 207 | Presentation set | 28 | 0 | 0 |
| P 217 | Universal set | 15 | 15 | 0 |
| P 227 | Full set | 11 | 19 | 6 |
| P 237 | Full set (without beam compass) | 9 | 14 | 6 |
| P 247 | Pencil set | 5 | 19 | 6 |
| **STANDARD PROFESSIONAL SETS** | | | | |
| T 307 | Full set | 10 | 7 | 6 |
| T 317 | General Purpose set | 7 | 7 | 6 |
| T 327 | Composite set | 5 | 13 | 6 |
| T 337 | Pencil set | 3 | 7 | 6 |
| **STUDENT SETS** | | | | |
| S 406 | Full set | 3 | 15 | 6 |
| S 406L | Full set | 3 | 19 | 9 |
| S 416 | General Purpose set | 3 | 5 | 6 |
| S 416L | General Purpose set | 3 | 9 | 9 |
| S 426 | Utility set | 2 | 13 | 3 |
| S 426L | Utility set | 2 | 17 | 6 |
| S 436 | Composite set | 1 | 19 | 9 |
| S 436L | Composite set | 2 | 4 | 0 |
| S 446 | Pencil set | 1 | 6 | 3 |
| **VERSATILITY SETS** | | | | |
| T 377 | Pencil set | 2 | 17 | 6 |
| T 387 | General Purpose set (without beam compass) | 5 | 19 | 6 |
| P 297 | General Purpose set (with beam compass) | 9 | 13 | 6 |
| P 276 | Empty case – small size | | 16 | 3 |
| P 286 | Empty case – medium size | 1 | 0 | 6 |
| P 296 | Empty case – large size | 1 | 11 | 0 |
| **OTHER SETS** | | | | |
| MS 225A | Senior professional | 8 | 10 | 0 |
| T 58A | Standard professional | 6 | 13 | 6 |
| T 56A | Standard professional | 5 | 19 | 6 |
| T 54A | Standard professional | 4 | 9 | 6 |

**PROFESSIONAL RANGES**

| LARGE SPRING COMPASS | | | | |
|---|---|---|---|---|
| MS 44 | 6½″ Spring pencil compass | 1 | 13 | 6 |
| MS 54 | 6½″ Spring compass, pencil/pen | 2 | 9 | 0 |
| **5½″ DIVIDERS** | | | | |
| MS 20 | Senior professional | 1 | 1 | 6 |
| T 74 | Standard professional | | 17 | 6 |
| **3½″ SPRING BOWS** | | | | |
| MS 50 | Senior professional pencil | | 16 | 6 |
| MS 49 | Senior professional divider | | 15 | 0 |
| MS 51 | Senior professional pen | | 19 | 9 |
| T 153 | Standard professional pencil | | 9 | 9 |
| T 152 | Standard professional divider | | 9 | 6 |
| T 154 | Standard professional pen | | 14 | 6 |
| T 45B | Standard professional pencil (side screw) | | 8 | 9 |
| T 45A | Standard professional divider (side screw) | | 8 | 6 |
| T 45C | Standard professional pen (side screw) | | 13 | 6 |
| **BEAM COMPASS AND ACCESSORIES** | | | | |
| MS 16D | With dural beam and extension | 1 | 14 | 6 |
| MS 16 | With hardwood beam | 1 | 5 | 0 |
| MS 650 | Spare divider point | | 3 | 9 |
| MS 651 | Adaptor | | 4 | 0 |
| MS 603 | Pencil point | | 3 | 3 |
| MS 605 | Pen point | | 9 | 0 |
| MS 656 | 10″ Dural beam | | 4 | 3 |
| MS 659 | 20″ Dural beam | | 7 | 3 |
| MS 657 | 8½″ Dural extension beam | | 6 | 3 |
| MS 655 | Hardwood beam up to 24″ per foot | | 1 | 3 |
| | over 24″ per foot | | 2 | 0 |
| **6″ PEN COMPASS** | | | | |
| MS 9 | Senior professional | 1 | 18 | 3 |
| T 9 | Standard professional | 1 | 9 | 0 |
| **RULING PENS** | | | | |
| MS 85 | Senior professional | | 14 | 6 |
| MS 86 | Senior professional hard | | 18 | 6 |
| T 85 | Standard professional | | 13 | 6 |

| FIXED CENTRE SPRING BOW | | £ | s | d |
|---|---|---|---|---|
| MS 65 | Senior professional, pencil and pen | 2 | 2 | 6 |
| MS 66 | Senior professional pencil only | 1 | 14 | 0 |
| MS 630 | Spare pencil point | | 4 | 6 |
| MS 631 | Spare pen point | | 8 | 6 |
| **MISCELLANEOUS** | | | | |
| MS 950 | Centre piece | | 5 | 6 |
| MS 901P | Container, leads and spare needles | | 2 | 0 |
| MS 902 | Container, spare leads | | | 9 |
| MS 903 | Container, spare nuts and bolts | | 1 | 9 |
| MS 1050 | Spare needles for compass and dividers | | | 5 |
| MS 1051 | Spare needles for spring bows | | | 5 |
| MS 1052 | Spare needles for spring compasses | | | 5 |
| MS 1053 | Spare needle points, .08″ dia | | | 5 |
| **6″ COMPASS HALF SETS AND ACCESSORIES** | | | | |
| MS 1 | Senior professional half set | 2 | 4 | 0 |
| MS 2 | Senior professional with bar | 2 | 11 | 6 |
| T 40 | Standard professioal half set | 1 | 14 | 6 |
| T 41 | Standard professional with bar | 2 | 1 | 0 |
| MS 607 | Spare handle | | 2 | 0 |
| MS 601 | Senior professional lengthening bar | | 7 | 6 |
| T 76 | Standard professional lengthening bar | | 6 | 6 |
| MS 603 | Spare pencil point | | 3 | 3 |
| MS 602 | Spare divider point | | 2 | 6 |
| MS 605 | Spare pen point | | 9 | 0 |
| MS 900 | Screwdriver | | 1 | 9 |

**STUDENT RANGE**

| 5″ COMPASS HALF SET AND ACCESSORIES | | | | |
|---|---|---|---|---|
| J 3 | Compass half set | | 19 | 9 |
| J 2 | Compass with bar | 1 | 4 | 0 |
| J 7 | Lengthening bar | | 4 | 3 |
| J 15 | Spare pencil point | | 2 | 3 |
| J 16 | Spare divider point | | 2 | 0 |
| J 17 | Spare pen point | | 4 | 9 |
| **5″ PENCIL COMPASS AND DIVIDERS** | | | | |
| J 46 | Pencil compass | | 9 | 6 |
| J 6 | Dividers | | 8 | 6 |
| **3½″ SPRING BOWS** | | | | |
| J 61 | Pencil, centre screw | | 8 | 9 |
| J 60 | Divider, centre screw | | 8 | 6 |
| J 62 | Pen, centre screw | | 12 | 6 |
| J 9 | Pencil, side screw | | 7 | 9 |
| J 8 | Divider, side screw | | 7 | 6 |
| J 10 | Pen, side screw | | 11 | 6 |
| **RULING PENS** | | | | |
| J 12 | Spring nib pattern | | 5 | 6 |
| J 13 | Lever pattern | | 6 | 0 |
| **MISCELLANEOUS** | | | | |
| J 14 | Spare handle | | 1 | 6 |
| J 21P | Container, spare leads | | | 9 |
| J 19 | Spare needles for compasses and dividers | | | 5 |
| J 20 | Spare needles for spring bows | | | 5 |
| J 38 | Spare needle point, .08″ dia | | | 5 |
| **4½″ MATHEMATICAL INSTRUMENTS** | | | | |
| GS 84A | Pencil compass (for use with pencil) | | 3 | 3 |
| GS 85A | Pencil compass (for use with lead) | | 3 | 6 |
| GS 86A | Dividers | | 3 | 0 |
| GS 84 | As GS 84A special finish | | 4 | 6 |
| GS 85 | As GS 85A special finish | | 4 | 9 |
| GS 86 | As GS 86A special finish | | 4 | 0 |

## Slide rules

| | | £ | s | d |
|---|---|---|---|---|
| **DOUBLE FACE TYPE, 10″** | | | | |
| No 251 | Standard | 2 | 5 | 0 |
| No 241 | Standard log log | 2 | 15 | 0 |
| No 221 | Comprehensive double face | 3 | 15 | 0 |
| No 271 | Student | 1 | 12 | 6 |
| **DIFFERENTIAL SERIES, 10″** | | | | |
| No 121 | Comprehensive log log | 3 | 6 | 0 |
| No 111 | Standard (improved) | 2 | 10 | 0 |
| **STANDARD SERIES, 10″** | | | | |
| F 157 | Standard | 2 | 7 | 6 |
| **PLASTIC 5″ MODELS** | | | | |
| VP 150 | Standard | 1 | 7 | 6 |
| VP 114 | Standard (improved) | 1 | 13 | 0 |
| VP 124 | Comprehensive log log | 1 | 16 | 0 |
| **DIFFERENTIAL SERIES, 20″** | | | | |
| No 122 | Comprehensive log log | 11 | 10 | 0 |
| No 112 | Standard (improved) | 10 | 10 | 0 |
| **SPECIAL SERIES** | | | | |
| F 5100 | Radiation | 11 | 15 | 0 |
| **SPARES** | | | | |
| P 34 | Spare cursor for No 271 | | 7 | 6 |
| P 35 | Spare cursor for Nos 241, 251 | | 7 | 6 |
| P 36 | Spare cursor for No 221 | | 9 | 6 |
| P 36D | Cursor with magnifier for No 221 | 1 | 15 | 0 |
| PC 8 | Spare cursor for Nos 111, F 157 | | 7 | 6 |
| PC 18 | Spare cursor for No 121 | | 7 | 6 |
| PC 1 | Spare cursor for VP 114 | | 7 | 6 |
| PC 2 | Spare cursor for VP 150 | | 7 | 6 |
| PC 5 | Spare cursor for VP 124 | | 7 | 6 |
| PC 9 | Spare cursor for No 112 | | 10 | 6 |
| PC 10 | Spare cursor for No 122 | | 10 | 6 |
| PC 19 | Spare cursor for F 5100 | | 16 | 0 |
| F 4867 | Magnifier for PC 8, 18, 5, 9, 10 extra | 1 | 5 | 0 |
| P 44 | Spare case for No 271 | | 8 | 0 |
| P 45 | Spare case for Nos 221, 241, 251 | | 9 | 6 |
| P 51 | Spare case for other 10″ rules | | 6 | 6 |
| P 60 | Spare case for 5″ rules | | 3 | 0 |
| P 52 | Spare case for 20″ rules | | 12 | 6 |

## Adjustable set squares

| | | | | |
|---|---|---|---|---|
| PIC 152 | Trig-angle, square edge, 7″ | 1 | 0 | 6 |
| | 10″ | 1 | 9 | 0 |
| | 12″ | 1 | 17 | 0 |
| PIC 153 | Trig-angle, bevelled edge, 7″ | 1 | 3 | 0 |
| | 10″ | 1 | 13 | 6 |
| | 12″ | 2 | 2 | 6 |
| PIC 172 | Bevel, square edge, 10″ | 1 | 9 | 0 |
| | 12″ | 1 | 17 | 0 |
| PIC 173 | Bevel, bevelled edge, 10″ | 1 | 13 | 6 |
| | 12″ | 2 | 2 | 6 |
| F 3791 | Kinwest, square edge, 7″ | | 19 | 3 |
| | 10″ | 1 | 7 | 0 |
| | 12″ | 1 | 14 | 6 |
| F 3792 | Kinwest, bevelled edge, 7″ | 1 | 1 | 3 |
| | 10″ | 1 | 11 | 0 |
| | 12″ | 1 | 19 | 0 |

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# Drawing equipment

| | | £ s d |
|---|---|---|
| **ENGINEERS' DRAWING BOARDS** | | |
| F 3818 | 23″ × 16″ | 3 5 6 |
| F 3820 | 32″ × 23″ | 5 12 6 |
| F 3821 | 42″ × 29″ | 8 13 6 |
| F 3821L | 42″ × 32″ | 9 4 6 |
| F 3822 | 54″ × 32″ | 11 12 6 |
| F 3823 | 62″ × 42″ | 20 8 0 |
| **STUDENT DRAWING BOARDS** | | |
| F 3815 | Student Engineers | |
| | 23″ × 16″ | 1 14 6 |
| | 32″ × 23″ | 3 0 6 |
| F 3812 | Clamped | |
| | 16″ × 11½″ | 14 0 |
| | 23″ × 16″ | 1 3 0 |
| | 32″ × 23″ | 2 7 0 |
| F 3814 | Metal edge, jointed | |
| | 23″ × 16″ | 1 8 6 |
| | 32″ × 23″ | 2 15 6 |
| F 3811 | Plywood | |
| | 16″ × 11½″ | 9 0 |
| | 23″ × 16″ | 17 0 |
| | 32″ × 23″ | 1 12 6 |
| F 2675P | Plywood with battens | |
| | 23″ × 16″ | 1 3 0 |
| | 32″ × 23″ | 2 2 0 |
| **ENGINEERS' TEE SQUARES** | | |
| F 3802 | Ebony edge, 23″ | 2 1 6 |
| | 32″ | 2 10 0 |
| | 42″ | 3 2 0 |
| | 54″ | 3 18 6 |
| | 62″ | 5 5 6 |
| F 7722 | Transparent edge, 23″ | 2 5 6 |
| | 32″ | 2 17 0 |
| | 42″ | 3 11 6 |
| | 54″ | 4 14 0 |
| **STUDENT TEE SQUARES** | | |
| F 5422 | Taper blade, 16″ | 5 6 |
| | 23″ | 7 6 |
| | 32″ | 9 0 |
| F 5424 | Taper blade, polished | |
| | 16″ | 6 0 |
| | 23″ | 9 0 |
| | 32″ | 10 6 |
| F 3796 | Parallel blade, 23″ | 7 0 |
| F 5425 | Perspex blade, 23″ | 1 3 6 |
| | 32″ | 1 9 6 |
| **KINWEST DRAFTING UNITS** | | |
| F 2670 | No 1 23″ × 16″ | 2 10 6 |
| | 32″ × 23″ | 4 2 0 |
| F 2671 | No 2 23″ × 16″ | 3 5 6 |
| | 32″ × 23″ | 5 9 0 |
| F 2671C | No 3 23″ × 16″ | 2 18 6 |
| | 32″ × 23″ | 4 15 0 |
| F 2667 | 23″ × 16″ | 1 5 6 |
| F 2668 | 32″ × 23″ | 1 18 6 |
| F 2672 | Plastic case | |
| | 23″ × 16″ | 13 6 |
| **TRANSPARENT SET SQUARES** | | |
| F 3830 | Perspex, bevelled edge, | |
| | 45° 6″ | 3 8 |
| | 8″ | 5 9 |
| | 10″ | 9 0 |
| | 12″ | 13 3 |
| | 14″ | 18 9 |
| | 16″ | 1 3 0 |
| | 18″ | 1 9 9 |
| F 3831 | Perspex, bevelled edge, | |
| | 60° 8″ | 4 5 |
| | 10″ | 5 10 |
| | 12″ | 8 0 |
| | 14″ | 11 3 |
| | 16″ | 17 0 |
| | 18″ | 19 9 |
| | 20″ | 1 7 6 |
| F 3832 | Perspex, plain edge, | |
| | 45° 6″ | 3 4 |
| | 8″ | 5 3 |
| | 10″ | 7 9 |
| | 12″ | 11 3 |
| F 3832 | Perspex, plain edge, | |
| | 45° 14″ | 15 6 |
| | 16″ | 18 6 |
| | 18″ | 1 5 9 |
| F 3833 | Perspex, plain edge, | |
| | 60° 8″ | 3 11 |
| | 10″ | 5 0 |
| | 12″ | 6 6 |
| | 14″ | 8 10 |
| | 16″ | 14 3 |
| | 18″ | 17 9 |
| | 20″ | 1 3 6 |
| F 4946 | Professional, bevelled edge, | |
| | 45° 6″ | 3 5 |
| | 8″ | 5 0 |
| | 10″ | 8 3 |
| | 12″ | 10 3 |
| | 14″ | 15 3 |
| | 16″ | 17 3 |
| F 4947 | Professional, bevelled edge, | |
| | 60° 6″ | 2 6 |
| | 8″ | 3 7 |
| | 10″ | 5 0 |
| | 12″ | 7 0 |
| | 14″ | 9 9 |
| | 16″ | 14 0 |
| | 18″ | 16 9 |
| F 4944 | Professional, plain edge, | |
| | 45° 6″ | 2 6 |
| | 8″ | 4 1 |
| | 10″ | 6 11 |
| | 12″ | 8 8 |
| | 14″ | 13 6 |
| | 16″ | 15 0 |
| F 4945 | Professional, plain edge, | |
| | 60° 6″ | 2 0 |
| | 8″ | 2 9 |
| | 10″ | 3 11 |
| | 12″ | 5 6 |
| | 14″ | 7 9 |
| | 16″ | 12 9 |
| | 18″ | 15 0 |
| F 7344 | Technical, plain edge, | |
| | 45° 6″ | 2 0 |
| | 8″ | 3 2 |
| | 10″ | 5 3 |
| | 12″ | 6 7 |
| F 7345 | Technical, plain edge, | |
| | 60° 6″ | 1 6 |
| | 8″ | 2 2 |
| | 10″ | 3 1 |
| | 12″ | 4 5 |
| | 14″ | 6 4 |
| F 2710 | Student, plain edge, | |
| | 45° 4″ | 1 2 |
| | 6″ | 1 8 |
| | 8″ | 2 9 |
| F 2711 | Student, plain edge, | |
| | 60° 6″ | 1 4 |
| | 8″ | 1 11 |
| | 10″ | 2 9 |
| F 2706 | School, plain edge, | |
| | 45° 4″ *doz* | 8 0 |
| F 2707 | School, plain edge | |
| | 60° 5″ *doz* | 8 0 |
| **TRANSPARENT PROTRACTORS** | | |
| Semi-circular | | |
| T 27 | 1°, square edge, 4″ | 7 |
| T 28 | 1°, square edge, 5″ | 1 10 |
| | 6″ | 3 0 |
| T 30 | 1°, bevelled edge, 4″ | 2 0 |
| T 31 | ½°, bevelled edge, 5″ | 3 4 |
| | 6″ | 4 4 |
| | 8″ | 8 6 |
| F 2724B | ½°, bevelled edge, 5″ | 8 0 |
| | 6″ | 9 6 |
| | 9″ | 15 0 |
| Circular | | |
| T 33 | 1°, square edge, 5″ | 3 8 |
| T 34 | ½°, square edge, 6″ | 7 0 |
| T 36 | ½°, bevelled edge, 6″ | 8 6 |
| | 8″ | 17 0 |
| Circular | | |
| F 2724 | ½°, bevelled edge, 6″ | 16 6 |
| | 9″ | 1 6 6 |
| **DRAWING SCALES** | | |
| Professional quality, oval section | | |
| F 2764 | 12″ Boxwood | 13 6 |
| F 2766 | 12″ Boxwood celluloid edge | 1 6 9 |
| F 2763 | 6″ Boxwood | 10 9 |
| F 2765 | 6″ Boxwood celluloid edge | 19 0 |
| Student Quality | | |
| F 6936T | 12″ Armstrong 12ths | 8 0 |
| F 6936D | 12″ Armstrong 10ths | 8 0 |
| F 6936E | 12″ Armstrong 8ths | 8 0 |
| F 6936BT | 6″ Armstrong 12ths | 5 6 |
| F 6450 | 12″ Cambridge | 8 3 |
| F 6451 | 12″ Devonport | 8 3 |
| F 6326 | 12″ Armstrong 12ths | 3 3 |
| **KINWEST POCKET SCALES, 6″** | | |
| GS 500 | Universal | 8 3 |
| GS 501 | Surveyors | 8 3 |
| GS 502 | Armstrong | 8 3 |
| GS 503 | Architects | 8 3 |
| **PARALLEL RULES** | | |
| F 3879 | Perspex, Bar, 6″ | 9 0 |
| | 9″ | 12 0 |
| | 12″ | 17 0 |
| | 15″ | 1 0 6 |
| | 18″ | 1 5 6 |
| | 24″ | 1 10 0 |
| F 3888 | Brass, Rolling, 12″ | 3 10 0 |
| | 15″ | 3 16 6 |
| | 18″ | 4 5 6 |
| | 24″ | 5 2 0 |
| F 3893 | Case for F 3888 12″ | 1 10 0 |
| | 15″ | 1 13 0 |
| | 18″ | 1 18 6 |
| | 24″ | 2 12 6 |
| **FRENCH CURVES** | | |
| F 374A | To BS shape | 6 0 |
| F 374B | To BS shape | 4 9 |
| F 374C | To BS shape | 4 0 |
| F 374D | To BS shape | 4 6 |
| F 374E | To BS shape | 4 9 |
| F 374F | To BS shape | 5 6 |
| F 374S | Set of 6 | 1 7 6 |
| F 5255 | Universal | 3 9 |
| F 371 | Set of 4 | 9 0 |
| **RADIUS CURVES** | | |
| F 372F | Fractional | 6 0 |
| F 372D | Decimal | 6 0 |
| F 372M | Metric | 6 0 |
| **RADIUS AID** | | |
| F 373F | Fractional | 3 9 |
| F 373D | Decimal | 3 9 |
| F 373M | Metric | 3 9 |
| **FLEXIBLE CURVES** | | |
| F 6289 | 12″ | 5 0 |
| | 15″ | 6 3 |
| | 18″ | 7 6 |
| | 24″ | 10 0 |
| **SUNDRIES** | | |
| F 5411 | Terry clips — Box of 4 | 2 4 |
| | Purchase Tax (extra) | 5 |
| | Carton of 72 | 2 2 0 |
| | Purchase Tax (extra) | 6 10 |
| F 5412 | Lewis clips — Box of 4 | 1 9 |
| | Purchase Tax (extra) | 4 |
| | Carton of 72 | 1 11 6 |
| | Purchase Tax (extra) | 5 3 |
| F 2909 | Sandpaper block, small, *doz* | 8 0 |
| F 2909L | Sandpaper block, large, *doz* | 11 0 |
| F 4657 | Chemistry stencil *doz* | 16 6 |
| F 3264 | Erasing shield *doz* | 18 0 |
| F 3264S | Erasing shield *doz* | 1 2 0 |